PATENT APPLICATION FEE DETERMINATION RECORD Effective (Name 1, 2003

Application or Docket Number

DO 09/88/229

CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY TOTAL CLAIMS BATE FFF RATE FFF FOR OR BASIC FEE NUMBER FILED BASIC FEE NUMBER EXTRA 170 TOTAL CHARGEABLE CLAIMS minus 20= X\$9 = X\$12 = OΒ INDEPENDENT CLAIMS minus 3 = X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +145= +290= OΒ * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 3) (Column 2). CLAIMS HIGHEST ADDI-ADDI-AMENDMENT A REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL AFTER PREVIOUSLY **EXTRA** MENDMENT PAID FOR FEF FEE Total /0 Minus X\$18= X\$9= OR Independent Minus X42= 196 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM -app. +145:= TOTAL OR ADDIT FEE ADDIT FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT RATE TIONAL RATE TIONAL AFTER PREVIOUSLY FXTRA AMENDMENT PAID FOR FEE FEE Total Minus x49.= X\$/8= OR Independent Minus X43= XSG OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 390= +145= OB ADDIT, FEE ADDIT, FEE (Column 1) (Column 3) (Column 2) CI AIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT AFTER PREVIOUSLY RATE TIONAL RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FFF Total Minus X\$9= X\$18= OR Independent Minus XA_ X86 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT OF AIM + 145= t296= ΩR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT, FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.